



José Filipe Ferreira

MSc in Industrial
Engineering and
Management

About

Industrial Engineer with a solid knowledge in the areas of Information Technologies (IT).

Motivated to pursue a career in IT.

Prompt to face any challenge and willing to learn and grow in this field.

Contact details:

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Website:

<https://jfilipeferreira96.github.io/personal-website/>

Skills

Programming languages:

- HTML
- CSS/SCSS
- JavaScript ES6
- ReactJs
- Next.js
- NodeJs
- PHP
- Django
- MySQL
- Git

Professional Background

i-charging, S.A - React/Next.js & Node.js Developer

2022 - Present

- Development of a web application for the electric mobility industry with the following technologies: React.JS, Node.Js and SQL.

Heliotextil, S.A - Full Stack Developer

2021 - 2022

- Development of a Web application from scratch with the purpose of improving the planning and especially the production control of this company.
- This Web application is based on Industry 4.0. It receives data from both operators and from sensors installed in the machines. Finally, the data is processed and presented in an understandable way.
- The following technologies were used: HTML, CSS/SCSS, JavaScript, MySQL, PHP and responsive frameworks like Bootstrap.

AMÉRICO COELHO RELVAS, SUCRS, S.A

Curricular internship | 2019 - 2020

- Mathematical modeling using constraints (combinatorial optimization) of the shop floor of this sector. In order to provide a better solution to the planning of the orders using a software called IBM ILOG CPLEX.
- This project resulted in my master's thesis, which was chosen to be presented in 2021 at the XXI Congress of the Portuguese Operational Research Association (<http://apdio.pt/web/io2021/home>).

Academic Background

Universidade de Aveiro 2015-2020

- Industrial Engineering and Management (Integrated Master)